

19990412.ba v02_n500.bam.990412

>From ???@??? Tue Apr 13 05:21:05 1999
Message-Id: <199904121745.MAA04887@sco.theporch.com>
Date: Mon, 12 Apr 1999 12:44:32 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2500

BOATANCHORS Digest 2500

Topics covered in this issue include:

- 1) RE: Seeking Ranger VFO Hints
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 2) FS: 75A-3
by "Bill Coleman N2BC" <n2bc@stny.rr.com>
- 3) Re: Anyone know of a Pacific Coast Parts?
by hikrbikr@erols.com
- 4) Re: I found a treasure
by Neal McEwen <nmcewen@metronet.com>
- 5) Re: Need Info On....
by Neal McEwen <nmcewen@metronet.com>
- 6) Re: Sperti????
by David Ross <ross@hypertools.com>
- 7) Re: Wanna hear from LTV G-133F owners
by David Ross <ross@hypertools.com>
- 8) Turbo DX-100
by W4UOC@aol.com
- 9) Re: I just can't help myself
by Morris Odell <morriso@vifp.monash.edu.au>
- 10) Sonar SRT-120: rare bird?
by hikrbikr@erols.com
- 11) Re: HP606A RF sig gen review
by "Arden Allen" <gumbear@pacbell.net>
- 12) Re: Miller Xtal tuner/Heathkit version
by "Steve" <scb@loki.internettport.net>
- 13) Re: Large odd Tube
by David Prince <davprin@gil.com.au>
- 14) Re: Large odd Tube
by polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)
- 15) Re: FS: 75A-3
by "Bill Coleman N2BC" <n2bc@stny.rr.com>
- 16) [Fwd: WTD: URM-50 Carrier level meter]
by Dan Arney <kn6di@groupone.net>
- 17) FS: Henry 2K 4A Linear
by Dan Arney <kn6di@groupone.net>
- 18) Re: Sperti????

- by William Donzelli <william@ans.net>
- 19) Re RCA radio
by philip mccooy <dgnoval@erols.com>
 - 20) Re: Sonar SRT-120: rare bird?
by Neal McEwen <nmcewen@metronet.com>
 - 21) Re: WE 374A-407A
by John Shriver <jas@shiva.com>
 - 22) 5663 tubes
by "Joseph W. Pinner" <kc5ijds@sprintmail.com>
 - 23) Free: Challenger Manual Copy
by "Spencer Petri" <spetri@e-tex.com>

From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>
Subject: RE: Seeking Ranger VFO Hints
Date: Sun, 11 Apr 1999 19:46:37 -0700
Message-ID: <000501be848e\$af92ab80\$0100000a@accurate-main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Seems it was a far easier problem to resolve than I anticipated. The 18k resistor had increased in value to ~28k. Replaced it and relocated it below the chassis. Problem solved.

I used the 2 open pins on the crystal socket as a tie point. Convenient and easily accessible.

Thanks Dan, for your pointers.

Roger KD6CC

-----Original Message-----
From: Dan Martin [mailto:dmartin@visuallink.com]
Sent: Sunday, April 11, 1999 4:52 PM
To: rmccarty@earthlink.net
Cc: Old Tube Radios
Subject: Re: Seeking Ranger VFO Hints

Roger A. McCarty wrote:

>
> It seems I need to tear into the VFO today (tomorrow, the next day, etc.,
> etc.). I have suddenly developed a fairly significant chirp when keyed. In

> addition, any slight tapping on the VFO cover will cause a frequency shift
> so, I'll be looking for cold solder connections and I'll be looking at
> replacing/relocating the 18k resistor. In addition, I wonder if there are
> any other hints any one can provide?

Roger:

A subject near and dear to my heart as I've sometimes wrestled with the Ranger VFO, a very close derivative, I believe, of the Model 122. I've posted questions of my own here before. Although your Ranger is cathode keying early stages and has cathode bias for the modulator as opposed to mine which has the time-sequence keying and a separate bias supply, my thoughts and experiences:

1. Moving the 18K screen dropping resistor to below the chassis is easy and smart. Go to a higher wattage while you're at it. R&R Designs has 5 and 10 watt 18K resistors for this very purpose. This net heat reduction in the VFO cabinet will impact short and long term drift more than chirping, though.
2. My Ranger VFO **does** need its lid on during operation. My differential keyer Ranger gets a little chirpy without it in place and, especially, exhibits a very raspy note to boot.
3. I've found my Ranger VFO to be **very** sensitive to various 6AU6's. I swapped several in and out before solving an odd frequency jumping or instability problem.
4. My Ranger cw note can be "rubbered" up and down by pressing on the center of the VFO lid cover. This may be typical. (So, just don't press it!) May be some capacitive effect of the lid being slightly flexed.
5. The phenolic cap trimmer adjustment rods can be booger-bears to get lined back up when you re-install the lid. I used tiny cable ties to secure the metal hooks in place on the trimmer rod ends. This stabilizes the hooks and helps you mount the rods just right. (Actually, having had my VFO lid off so much, I just removed the rods from the lid. I adjust the trimmer caps for VFO accuracy through the holes with an alignment tool while using a freq. counter near (not too near!) the tank coil. Having the small holes in the lid hasn't impacted anything else and the rods can be easily remounted for originality's sake.)

Unfortunately, I cannot help you specifically with the chirp. As I said, my unit is the time-sequence keying version which starts the oscillator just before the later stages and keeps the oscillator on just after the later stages. This is specifically to minimize chirps. You say your chirp suddenly started? You might swap out the 0A2 and 6AU6. Give some thought to the isolation between your oscillator and later stages. All well with your 6CL6 buffer circuitry? I'm just not as familiar with the earlier model Ranger. Please post any replies you get and good luck!

Dan
WB4GRA
Winchester, VA

Message-ID: <001501be8490\$a7586de0\$11285e18@basement.stny.rr.com>
From: "Bill Coleman N2BC" <n2bc@stny.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: 75A-3
Date: Sun, 11 Apr 1999 23:00:42 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For sale, Collins 75A-3 with NBFM and 100kc cal adapters, 3kc mech filter
(does NOT have the 800 cycle filter), serial # 14, no manual.

Overall condx: dusty to dirty inside (no mice, no spiders!), knobs & front
panel the same but no visible scratches. All knobs original. I 'brought it
up' on the variac and it works on 160 thru 40, deaf on 20 and up. The pots
need a good cleaning and I'm sure there's a cap or 12 that need replacing.
Cabinet in good shape, no dents, some scratches on the rear, top and sides -
should clean up OK.

Looked under the chassis... evidence of the AC line bypass cap failing with
some soot above - the cap was replaced with a relatively recent vintage. I
didn't spot any other obvious repairs. The antenna connector (SO-239) looks
like it was replaced, was this an N connector originally?

This is an estate deal so I don't have any other info Be glad to answer any
questions I can though.

Asking \$400, OBO, plus shipping from 13850.

73, Bill N2BC

* * note new Email address 3/99 * *
Bill Coleman N2BC
n2bc@stny.rr.com

From: hikrbikr@erols.com
Message-ID: <37106BCF.1503@erols.com>
Date: Sun, 11 Apr 1999 10:30:56 +0100
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>

CC: Boatanchors <boatanchors@theporch.com>
Subject: Re: Anyone know of a Pacific Coast Parts?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim and other BA folks...

"Another BA buff and I are trying to locate cables and/or connectors for some of the Kenwood gear like the TS-520 and the R599/T599 twins. We were told there was a "Pacific Coast Parts" that handled the connectors we are seeking and possibly the cables."

For connectors, cables, and related stuff, I highly recommend a tiny firm called The R.F. Connection in Gaithersburg MD, (301) 840-5477, <rffc@therfc.com>. All the guys there are hams and they show up at most of the local hamfests with several tables of good stuff. They also support local clubs. At last Friday evening's meeting of the Vienna Wireless Society, one of the RFC guys, Patrick Ramsay N3MIT (a BA collector & user), gave members an excellent presentation on Cadweld grounding/bonding technology and general wisdom on RF connectors and cables ("PL-259s are trash connectors").

I don't know if they have the connectors/cables you seek, but it might be worth a call. They do have the uncommon female in-line small diameter ("Collins" type) phone jacks with which I've made adapters for microphones to fit the various types of mic connectors on my BA xmtrs. I have no ties to The R.F. Connection, except as a satisfied customer and well-pleased club program coordinator.

73, Mike Steussy AE4R
Vienna VA

Message-ID: <371167F2.F2D05096@metronet.com>
Date: Sun, 11 Apr 1999 22:26:42 -0500
From: Neal McEwen <nmcewen@metronet.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: I found a treasure
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"James D. Mayfield" wrote:
> Now I have a complete key and sounder
> all original and in working order. A bit later tonight check this link, I
> will upload a picture of it. It was mad by J.H Bunnell & Co. New York. Any

> one with any info on this I would be interested in hearing about it, like
> age and so on....

The 1918 Bunnell catalog shows this as "The Dandy Morse Learner's Outfit". With gravity battery and instruction book it sold for \$5.00. The Dandy sets were in the catalog for a long time and are quite common.

--

73 de K5RW, Neal McEwen, at "The Telegraph Office", nmcewen@metronet.com
A WWW Page for Telegraph Key Collectors and Historians
http://www.metronet.com/~nmcewen/tel_off.html

Message-ID: <371168FF.A9BE4BC3@metronet.com>
Date: Sun, 11 Apr 1999 22:31:11 -0500
From: Neal McEwen <nmcewen@metronet.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Need Info On....
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

N5CM@aol.com wrote:

> The correct distress signal is not, repeat, not the separate letters
> S O S. It is 3 dots 3 dashes 3 dots sent as one, repeat, one
> character. The automatic alarm signal is completely different
> and used to trigger the alarms in ships within range of the
> signal. (To wake up operators not on watch).

It is interesting to note that Marconi had conceptually designed the auto-alarm before the Titanic sunk. European countries were quick to require auto-alarms. The U.S. did not adopt auto-alarm use until the mid 1930s.

--

73 de K5RW, Neal McEwen, at "The Telegraph Office", nmcewen@metronet.com
A WWW Page for Telegraph Key Collectors and Historians
http://www.metronet.com/~nmcewen/tel_off.html

Message-Id: <3.0.6.32.19990411192009.007a47f0@mail.willapabay.org>
Date: Sun, 11 Apr 1999 19:20:09 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: David Ross <ross@hypertools.com>
Subject: Re: Sperti????
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

BAfolks -

At 07:21 PM 04/11/99 -0400, tbryan@nova.org wrote:

>I am looking for information on a company called Sperti Inc.
>They were located in Cinncinnati Ohio. I have a "Walkie Talkie" model
>XR-2-B.S. made by them....

Sperti also made the vacuum relay used in the ART-13.

73

Dave Ross N7EPI ross@hypertools.com

Message-Id: <3.0.6.32.19990411204314.007b4940@mail.willapabay.org>

Date: Sun, 11 Apr 1999 20:43:14 -0700

To: Old Tube Radios <boatanchors@theporch.com>

From: David Ross <ross@hypertools.com>

Subject: Re: Wanna hear from LTV G-133F owners

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Tom & the gang -

At 03:43 PM 04/11/99 -0500, Tom Norris wrote:

>Am in the process of getting one of these nifty-looking receivers
>and was just wanting to hear from folks that had them. How do
>they compare to a "regular" 51S1 etc.

It's pretty much a standard 51S-1 hiding in there, with the addition of:

- a goofy narrow rackmount aluminum case
- a goofy power connector
- a nice-looking edge-lit front panel
- an "AM BFO" (whatever that is...)
- a small electronic "mystery box".

The "mystery box" seems to have something to do with either running an external frequency display or slaving the receiver to external HFO & PTO & BFO sources. Back in the mid '70s, I asked LTV about schematics for the G-133F - their courteous reply stated that they couldn't offer manuals for it due to "the age of the radio".

If you yield to temptation and power the #327 lamps in that cool-looking edge-lit front panel from 24VAC coming from the 51S-1 power transformer filament line, you'll even further overload that already hot-running power transformer.

Does anyone know where the G-133F was originally used? My guess is some large airborne SIGINT platform, like an RC-135 or somesuch.

good luck with it!

Dave Ross N7EPI ross@hypertools.com

From: W4UOC@aol.com
Message-ID: <5e7e12d7.2442c5e7@aol.com>
Date: Sun, 11 Apr 1999 23:43:35 EDT
Subject: Turbo DX-100
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I though I had seem them all until now. I traded some gear for an "Original" DX-100 and was surprised when I opened the case. Everything looks stock except for the fact it had three (3) 6146 finals, not the normal tow (2). The three were set up on a small separate chassis that was located over the space of the original 6146 sockets.

It is a very neat mod and seems to work fine. At 300 mils at abou 700 volts or approx 210 watts input I am getting about 140 watts output. Sounds like a Valiant lover got ahold of this one.

Has anyone ever seen this type of a mod preformed on a DX-100? Was it ever written up?

Thanks in advance for your input.

Tom Koch - W4UOC
Atlanta, GA.

Message-ID: <37116F38.37C8B484@vifp.monash.edu.au>
Date: Mon, 12 Apr 1999 13:57:44 +1000
From: Morris Odell <morriso@vifp.monash.edu.au>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: I just can't help myself
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi again,

Since my original post where I said:

> The only thing missing from that website is a photo of the other side of
> the radio showing the massive turret which contains the equivalent of 5
> HRO style coil boxes. This is rotated by die cast gears and located by a
> massive detent mechanism that looks like it could take your finger off.
> Never mind the puny mechanism in the R-390A - it they had a damaged prop
> in the sub they had a ready made spare in the B40 detent disc!

I was contacted by someone who told me it was made that way to avoid
detuning when the ship it was installed in fired a broadside!

incidentally the websit I quited has nice pictures of a number of other
nice boatanchors which are common here including the CR-6B and AR7, both
in my collection.

73 de Morris VK3DOC

From: hikrbikr@erols.com
Message-ID: <37112988.111@erols.com>
Date: Mon, 12 Apr 1999 00:00:24 +0100
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Sonar SRT-120: rare bird?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ahoy! A friend gave me his Sonar SRT-120 transmitter, circa 1954,
several weeks ago. It's a five-band rig rated at 120 watts CW and 100
watts plate modulated AM. See the top of page 118 in Moore's
Transmitters, Exciters and Power Amplifiers, 1930-1980. I've never seen
one before and expect it's probably quite rare. My friend also gave me
the passive (no tubes) VFO-120. Both cleaned up nicely and will
probably work fine. What I don't have is the matching power supply,
model PS-501. It must be a sturdy unit as it supplies 600 VDC at 375 ma
and 6.3 VAC at 7 amps.

I ask that any readers who have experience with or knowledge of this rig
please contact me with your advice about using it on the air or comments
about how common or rare it might be. If anyone would be willing to
send me a copy of the PS-501 manual or even just the schematic diagram,
I'd be happy to reimburse your expense. I'd like to see how Sonar
engineered its power supply for this compact and well-made little rig
before building one that will light up its 5894A and other fire bottles
inside.

Thanks and 73,
Mike Steussy AE4R
Vienna VA

Message-Id: <199904120411.VAA22746@mail-gw3.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <boatanchors@theporch.com>
Subject: Re: HP606A RF sig gen review
Date: Sun, 11 Apr 1999 21:12:45 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> do not lubricate the sliding arrow for the band indicator, as the spring
> is not too strong any lube that may get sticky after a bit will make the
> pointer stick (wd-40). this from one who knows.....

HP is famous for bushings freezing up from old congealed lube. I had to disassemble the pointer mechanism on my 606B (same as 606A) and soak the pivot bushing with (!) WD-40 and work it until it was freed up and then it got lubed with 3-IN-1 electric motor oil. A little wheel bearing grease on the cam makes things work smoothly.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <199904120649.BAA22702@loki.internettport.net>
From: "Steve" <scb@loki.internettport.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Mon, 12 Apr 1999 01:32:19 +0000
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Re: Miller Xtal tuner/Heathkit version
CC: "Old Tube Radios" <boatanchors@theporch.com>

>"Man this is living! Don't think I'll sell it any time soon, but thanks
for the tip on its value.

Hello Bob & Group;
So, what IS the value of a CR-1. Got one last year, Neet two circuit tuner w/ unique ferrite plug coupled fixed loose coupler. Fun set and reasonably sensitive (with good 'phones, like W.E. 509 or Baldwin "C") and selective. Forward biasing the detector just past it's conduction point is supposed to boost sensitivity & reduce distortion. Simple to do, Tho' I haven't tried it yet.
Regards; Steve

Message-ID: <3711C0D9.F6077756@gil.com.au>
Date: Mon, 12 Apr 1999 19:46:01 +1000
From: David Prince <davprin@gil.com.au>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com, W0E0M@aol.com, skywaves@bw.webwx.net
Subject: Re: Large odd Tube
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to everone who replied. Jack came up with the good oil as below.

Thanks all and cheers,

Dave Prince VK4KDP
davprin@gil.com.au

John M Iverson wrote:

>
> re-Babani,intl.radio tube encylopedia: (thanks rod b.)
> filament- 8.25 v, 37a, 23kv plate v. 750 w dis. up to 250 mhz.
> Sounds almost like a pulse mod. tube.
>

Date: Mon, 12 Apr 1999 07:35:26 -0400
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <199904121135.HAA06264@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Large odd Tube

Dave, on this 'good oil'....

John M Iverson wrote:

>
> re-Babani,intl.radio tube encylopedia: (thanks rod b.)
> filament- 8.25 v, 37a, 23kv plate v. 750 w dis. up to 250 mhz.
> Sounds almost like a pulse mod. tube.
>

I've got my own opinion on gthe pulse modulator notion since it goes to 250mhz. Pulse modurators need only hit a few hundred kcs.

Fair chance it was used VHF TV xmtr final or, more likely, as pulsed oscillator in huge VHF radar.

I've got a US '527' tube made by Matchlett that saw such service in US Navy pulsed ring oscillators up through the 60s! Seems VHF radar had surface-scan fog, clutter-rejection, & over-the-horizon properties the microwave equipment didn't match.

Hate to be so qualitative, just couldn't resist the observation.

Marty

Marty

Message-ID: <004201be84e0\$b55c0500\$11285e18@basement.stny.rr.com>
From: "Bill Coleman N2BC" <n2bc@stny.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: FS: 75A-3
Date: Mon, 12 Apr 1999 08:33:45 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The 75A-3 has been sold - thanks!!

Bill N2BC

-----Original Message-----

From: Bill Coleman N2BC <n2bc@stny.rr.com>
To: collins <COLLINS@LISTSERV.TEMPE.GOV>; ba <boatanchors@theporch.com>;
forsale-swap@qth.net <forsale-swap@qth.net>; boatanchors@qth.net
<boatanchors@qth.net>; collins@qth.net <collins@qth.net>
Date: Sunday, April 11, 1999 11:56 PM
Subject: [BoatAnchors] FS: 75A-3

>For sale, Collins 75A-3 with NBFM and 100kc cal adapters, 3kc mech filter
>(does NOT have the 800 cycle filter), serial # 14, no manual.
>

(Snip)

Message-ID: <3711F52F.4711D8FF@groupone.net>
Date: Mon, 12 Apr 1999 06:29:19 -0700
From: Dan Arney <kn6di@groupone.net>
MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>
Subject: [Fwd: WTD: URM-50 Carrier level meter]
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is a try at resending to BA list due to the word #subject being the first word in the text. Need Meter.

Hank

----- Original Message -----

Subject: WTD: URM-50 Carrier level meter
Date: Sun, 11 Apr 1999 11:29:55 -0700
From: Dan Arney <kn6di@groupone.net>
Organization: Global Pack & Mail
To: baswaplist <baswaplist@foothill.net>, Old Tube Radios
<boatanchors@theporch.com>, "r-390@qth.net" <r-390@qth.net>

Subject says it. I am in need of the Carrier level meter for the URM-50 FIM. The armature reads 5. mil instead of 2K Hi.
This meter was made by Hickok Electric as far as the dial goes. It is a 0-200 microamp movement marked carrier level inscribed 0 to 100 in units of 10 CW on a 240 degree arc 100 graduations 2.75 diam with flange of 3.5" and 1 5/8 depth 3 mounting screws at 120 degree. 200 microamperes for full deflection. Stock number is N17-M-32373-3043 by National Company. part/dwg R363-1; Mfr. code 908, Mfr. dwg A739

Got a chopper designed and made by a friend, unit checks out up to the meter from there nada.

Any clue as to who might be able to repair it as a back up???

Thanks,

Hank

Message-ID: <3711FB16.DB1B31DE@groupone.net>
Date: Mon, 12 Apr 1999 06:54:30 -0700
From: Dan Arney <kn6di@groupone.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Henry 2K 4A Linear
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have for sale a clean Henry 2K 4A with pair of 3-500Z with manual. 4 wire 220V presently, can be wired for 115V. \$700.00 picked up in LA area or plus professional crating and shipping. Will crate for \$100.00.

Thanks,

Hank

Date: Mon, 12 Apr 1999 12:45:43 -0400 (EDT)
From: William Donzelli <william@ans.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Sperti????
Message-Id: <Pine.GS0.3.96.990412124459.26335D-100000@titan.purch.ans.net>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Does anyone know anything about the history of the company
> or who started it, owned it, worked there, etc. Because of the similarity
> to the WWII OSS set SSTC-502 a.k.a. "Joan", I was wondering if creators of
> this OSS equipment may have formed the company after the war to market that
> type of radio to amateurs.

They made a few tubes for the military. I can not recall which ones, but I have some at home.

William Donzelli
william@ans.net

Message-ID: <37125196.61A9@erols.com>
Date: Mon, 12 Apr 1999 13:03:34 -0700
From: philip mccooy <dgnova@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re RCA radio
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Art asked about a Radio Marine Radio: Having worked with these sets my comments are:

That type of radio was semi common. in the 1950s and 1960s. Found most often around harbor cities.

They are good as receivers, assuming you want to listen to that frequency range.

Value: I don't think they would fetch over about \$15 to \$20 at a hamfest if that much.

Schematic: There were handbooks put out in the 1930s and 1940s, used as text

books, for commercial radio license courses. These books simply
reprinted
the instruction manuals put out by equipment vendors. One good source,
is
the series of books, put out by Sterling. Dates, are 1920s,1930s
and 1940s.

WARNING: Many of these sets are AC-DC, so watch out.

From: Neal McEwen <nmcewen@metronet.com>
Message-Id: <199904121729.AA10015@metronet.com>
Subject: Re: Sonar SRT-120: rare bird?
To: Old Tube Radios <boatanchors@theporch.com>
Date: Mon, 12 Apr 1999 12:29:20 -0500 (CDT)
Cc: boatanchors@theporch.com
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

>
> Ahoy! A friend gave me his Sonar SRT-120 transmitter, circa 1954,
> several weeks ago. It's a five-band rig rated at 120 watts CW and 100
> watts plate modulated AM.
> My friend also gave me
> the passive (no tubes) VFO-120. Both cleaned up nicely and will
>
> I ask that any readers who have experience with or knowledge of this rig
> please contact me with your advice about using it on the air or comments

I had a Sonar SRT-120 in the early sixties. It is a nice rig on both
CW and AM. It has a pair of 6L6s in the modulator and sounds very good.

As long as I was xtal controlled there was no problem. The passive
VFO was not very stable and was all over the band. I also did not have
the power supply and had to build one. I wonder if the factory ever
built any of them?

I recall it had a clamp tube in the final. 5894s were real expensive
back then, but should be easy to locate now.

73 de Neal, K5RW

Date: Mon, 12 Apr 1999 13:32:47 -0400
Message-Id: <199904121732.NAA03068@brill.shiva.com>
From: John Shriver <jas@shiva.com>
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: WE 374A-407A

Aside from efforts during WW-II (and some cold war stuff), Western Electric designed electron tubes for use in the apparatus that they designed and built for THE telephone company (AT&T). Certainly, all of that gear counts as a boatanchor, if only by weight. Certainly, some of these tubes saw commercial use, but it had to be a very compelling need, since the tubes were very expensive due to exacting construction and quality control.

Western Electric Distributor Apparatus Catalog lists the 407A as being for use in the E-1 exchange area repeater and N1 carrier telephone systems.

The E-type repeaters are negative-impedance repeaters for 2-wire telephone trunks. No details available.

The N1 type carrier system multiplexed 12 or 24 phone calls via frequency division multiplexing, onto four-wire (two pairs) in cables, for short haul use (less than 200 miles). For 12 channels, they were sent as DSB modulation at 8 kHz spacing. For 24 channels, SSB was used, with half the pilot (carrier) frequencies preserved. The frequency ranges used are 36-132 kHz or 172-268 kHz. They are basically wire-line radio systems...

First installed in 1950. They were later solid-stated by plugin tubes. Replaced in 1960's by N1A and N2, which were solid-state.

(I happen to have a copy of Bellcore's "Telecommunications Transmission Engineering, Volume 2, Facilities" in the office today.)

I don't have the catalog card for the 374A. But it's probably in Tube Lore.

Message-Id: <199904121734.KAA19702@crow.prod.itd.earthlink.net>
Subject: 5663 tubes
Date: Mon, 12 Apr 1999 12:34:10 -0500
From: "Joseph W. Pinner" <kc5ijd@sprintmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Well, I am about to move and have number of things that need to go.

Have a number of 5663 tubes. Anyone have any use for them?

73

Joseph W Pinner +

Lafayette, LA
KC5IJD / NNNOPHR
EMail: kc5ijd@sprintmail.com

Message-ID: <000101be850b\$14b39340\$f82519ce@default>
From: "Spencer Petri" <spetri@e-tex.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Free: Challenger Manual Copy
Date: Mon, 12 Apr 1999 12:37:02 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings,

Don't know where I got this from, so I don't need it. It's yours for the sum of \$1 for the envelope and postage. I'll only respond to the person who gets it, if there is more than one response.

es 73 de Pete WA5JCI

6 meter VUCC # 361
2 meter VUCC # 346

End of BOATANCHORS Digest 2500
